

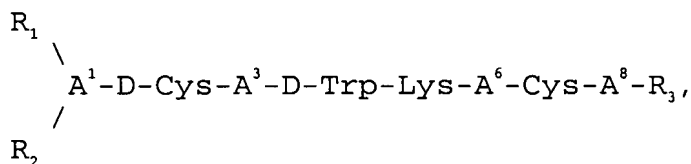
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COMPLETE LISTING OF ALL CLAIMS, WITH MARKINGS AND STATUS IDENTIFIERS

(Amendments are illustrated by showing deletions ~~by strikethrough~~ or by [[double brackets]] for deletions of five or fewer characters and additions by underlining)

Claims 1-17 (canceled)

Claim 18 (previously presented): A compound of the formula:



wherein

A¹ is a D- or L-isomer of an aromatic amino acid or is deleted;

A³ is an aromatic amino acid;

A⁶ is Thr, Thr(Bzl), Gly, Ser, an Eaa or an aliphatic amino acid;

A⁸ is a D- or L-isomer selected from the group consisting of Thr, Ser, an aromatic amino acid or an aliphatic amino acid;

each of R₁ and R₂, is, independently, H or substituted or unsubstituted lower alkyl, aryl, aryl lower alkyl, heterocycle, heterocycle lower alkyl, E₁SO₂ or E₁CO wherein E₁, is aryl, aryl lower alkyl, heterocycle or heterocycle lower alky and said substituent is halo, lower alkyl, hydroxy, halo lower alkyl or hydroxy lower alkyl; and

R₃ is OH, NH₂, C₁₋₁₂ alkoxy or NH-Y-CH₂-Z, wherein Y is a C₁₋₁₂ hydrocarbon moiety and Z is H, OH, CO₂H or CONH₂,

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provided that R₃, together with the carbonyl group of A⁸ attached thereto, are reduced to form H, lower alkyl, or hydroxy lower alkyl;

further provided that a disulfide bond links the sidechains of A² and A⁷; and

further provided that if A¹ is D-Phe or p-NO₂-Phe, A³ is Phe or Tyr and A⁶ is Thr or Val, then A⁸ is β-Nal.

19 (previously presented): A compound of claim 44, wherein A¹ is the D- or L-isomer of β-Nal, o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, p-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, m-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, F₅-Phe, Trp, Dip, 2-Pal, Tyr(Bzl), His, Igl, Tyr(I), Bta, Bip, Npa, or Pal; A³ is β-Nal, o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, p-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, m-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, F₅-Phe, Trp, Dip, 2-Pal, Tyr(Bzl), His, Igl, Tyr(I), Bta, Bip, Npa, or Pal; A⁶ is Thr, Ser, Tle, Thr(Bzl), Abu, Ala, Ile, Leu, Gly, Nle, β-Ala, Gaba, or Val; and A⁸ is the D- or L-isomer of Thr, Dip, F₅-Phe, p-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, m-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, Igl, Tyr(Bzl), or β-Nal.

20 (previously presented): A compound of claim 19, wherein A¹ is the D- or L-isomer of β-Nal, Phe, p-F-Phe, Trp, p-

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Cl-Phe, or p-CN-Phe; A³ is Tyr, Tyr(I), or Pal; A⁶ is Val, Tle, Nle, Ile, or Leu; A⁸ is p-F-Phe, β -Nal, Tyr, Dip, p-Cl-Phe, Igl, or p-CN-Phe; R₁ is H, CH₃CO, 4-(2-hydroxyethyl)-1-piperazinylacetyl, or 4-(2-hydroxyethyl)-1-piperizineethanesulfonyl; and R₂ is H.

21 (original): A compound of claim 20, wherein A³ is Pal.

22 (previously presented): A compound of claim 19, of the formula:

H₂- β -Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (CH₃CO)- β -Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

H₂- β -Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (CH₃CO)- β -Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

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(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

H₂- β -Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (CH₃CO)- β -Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxymethyl)propylamide;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

H₂- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (CH₃CO)- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

H₂-Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys-(2R, 3R-(2-hydroxymethyl)-3-hydroxy)propylamide;

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(H) (CH₃CO) Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

H₂-Phe-D-Cys-Pal-D-Trp-Lys-Val-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

H (CH₃CO) Phe-D-Cys-Pal-D-Trp-Lys-Val-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) Phe-D-Cys-Pal-D-Trp-Lys-Val-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) Phe-D-Cys-Pal-D-Trp-Lys-Val-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

H₂-Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (CH₃CO) Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

H₂-Phe-D-Cys-Pal-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

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(H) (CH₃CO) Phe-D-Cys-Pal-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) Phe-D-Cys-Pal-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) Phe-D-Cys-Pal-D-Trp-Lys-Thr-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

H₂-β-Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

(H) (CH₃CO) -β-Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) -β-Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) -β-Nal-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

H₂-β-Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

(H) (CH₃CO) -β-Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) -β-Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) -β-Nal-D-Cys-Pal-D-Trp-Lys-Val-Cys-2R- (2-naphthyl) ethylamide;

H₂-β-Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

(H) (CH₃CO) -β-Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) -β-Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

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(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R-(2-naphthyl)ethylamide;

H₂- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-2R-(2-naphthyl)ethylamide;

(H) (CH₃CO)- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-2R-(2-naphthyl)ethylamide;

(H) (4-(2-hydroxyethyl)-1-piperazinyllacetyl)- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-2R-(2-naphthyl)ethylamide;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cys-Pal-D-Trp-Lys-Thr-Cys-2R-(2-naphthyl)ethylamide;

H₂-Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

(H) (CH₃CO) Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

(H) (4-(2-hydroxyethyl)-1-piperazinyllacetyl) Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl) Phe-D-Cys-Tyr-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

H₂-Phe-D-Cys-Pal-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

(H) (CH₃CO) Phe-Cys-Pal-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

(H) (4-(2-hydroxyethyl)-1-piperazinyllacetyl) Phe-D-Cys-Pal-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl) Phe-D-Cys-Pal-D-Trp-Lys-Val-Cys-2R-(2-naphthyl)ethylamide;

H₂-Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R-(2-naphthyl)ethylamide;

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(H) (CH₃CO) Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) Phe-D-Cys-Tyr-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

H₂-Phe-D-Cys-Pal-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

(H) (CH₃CO) Phe-Cys-Pal-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperazinylacetyl) Phe-D-Cys-Pal-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

(H) (4- (2-hydroxyethyl) -1-piperizineethanesulfonyl) Phe-D-Cys-Pal-D-Trp-Lys-Thr-Cys-2R- (2-naphthyl) ethylamide;

H₂-β-Nal-D-Cys-Tyr-D-Trp-Lys-Abu-Cys-2R- (2-naphthyl) ethylamide;

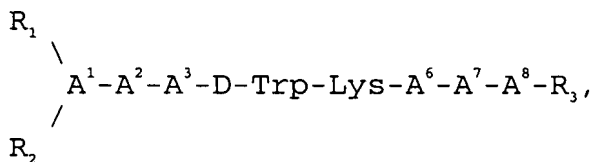
H₂-Phe-D-Cys-Tyr-D-Trp-Lys-Abu-Cys-2R- (2-naphthyl) ethylamide;

H₂-β-Nal-D-Cys-Tyr-D-Trp-Lys-Abu-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide; or

H₂-Phe-D-Cys-Tyr-D-Trp-Lys-Abu-Cys- (2R, 3R- (2-hydroxymethyl) -3-hydroxy) propylamide;

or a pharmaceutically acceptable salt thereof.

23 (previously presented): A compound of the formula:



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wherein

A¹ is a D- or L-isomer of an aromatic amino acid, or is deleted;

A² is a D-aromatic amino acid,

A³ is an aromatic amino acid;

A⁶ is Thr, Thr(Bzl), Gly, Ser, an Eaa, or an aliphatic amino acid;

A⁷ is an aromatic amino acid or an aliphatic amino acid;

A⁸ is a D- or L-isomer selected from the group consisting of Thr, Ser, an aromatic amino acid, or an aliphatic amino acid;

each of R₁ and R₂, is, independently, H or substituted or unsubstituted lower alkyl, aryl, aryl lower alkyl, heterocycle, heterocycle lower alkyl, E₁SO₂ or E₁CO wherein E₁, is aryl, aryl lower alkyl, heterocycle, or heterocycle lower alkyl and said substituent is halo, lower alkyl, hydroxy, halo lower alkyl, or hydroxy lower alkyl; and

R₃ is OH, NH₂, C₁₋₁₂ alkoxy, or NH-Y-CH₂-Z, wherein Y is a C₁₋₁₂ hydrocarbon moiety and Z is H, OH, CO₂H, or CONH₂, or R₃, together with the carbonyl group of A⁸ attached thereto, are reduced to form H, lower alkyl, or hydroxy lower alkyl.

24 (previously presented): A compound of claim 23, wherein A¹ is an L- amino acid and A² is a D-aromatic amino acid.

25 (previously presented): A compound of claim 24, wherein each of A¹, A³, and A⁷, is, independently, β-Nal, o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN or NO₂, p-X-Phe

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wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN or NO₂, m-X-Phe
wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, F₅-Phe, Trp,
Dip, 2-Pal, Tyr(Bzl), His, Igl, Tyr(I), Bta, Bip, Npa, or Pal; A²
is D-β-Nal, D-o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂,
CN, or NO₂, D-p-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN,
or NO₂, D-m-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or
NO₂, D-F₅-Phe, D-Trp, D-Dip, D-2-Pal, D-Tyr(Bzl), D-His, D-Igl, D-
Tyr(I), D-Bta, D-Bip, D-Npa, or D-Pal; A⁶ is Thr, Ser, Tle,
Thr(Bzl), Abu, Ala, Ile, Leu, Gly, Nle, β-Ala, Gaba, or Val; and
A⁸ is the D- or L-isomer of Thr, Dip, F₅-Phe, p-X-Phe wherein X is
H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, o-X-Phe wherein X is H,
OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, m-X-Phe wherein X is H, OH,
CH₃, halo, OCH₃, NH₂, CN, or NO₂, Igl, Tyr (Bzl), or β-Nal.

26 (previously presented): A compound of claim 25,
wherein A¹ is β-Nal or Phe, A² is D-Cpa or D-Phe; A³ is Phe or
Tyr; A⁶ is Abu, Thr, or Val; A⁷ is Phe; and A⁸ is Thr; R₁ is H,
CH₃CO, 4-(2-hydroxyethyl)-1-piperazinylacetyl, or 4-(2-
hydroxyethyl)-1-piperizineethanesulfonyl; R₂ is H; and R₃ is NH₂.

27 (previously presented): A compound of claim 25 of
the formula:

H₂-Phe-D-Phe-Tyr-D-Trp-Lys-Thr-Phe-Thr-NH₂;

H₂-Phe-D-Phe-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

H₂-Phe-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

H₂-β-Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

(H) (CH₃CO)-β-Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

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(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

H₂- β -Nal-D-Cpa-Pal-D-Trp-Lys-Val-Phe-Thr-NH₂;

(H) (CH₃CO)- β -Nal-D-Cpa-Pal-D-Trp-Lys-Val-Phe-Thr-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cpa-Pal-D-Trp-Lys-Val-Phe-Thr-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cpa-Pal-D-Trp-Lys-Val-Phe-Thr-NH₂;

H₂- β -Nal-D-Cpa-Tyr-D-Trp-Lys-Thr-Phe-Thr-NH₂;

(H) (CH₃CO)- β -Nal-D-Cpa-Tyr-D-Trp-Lys-Thr-Phe-Thr-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cpa - Tyr-D-Trp-Lys-Thr-Phe-Thr-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cpa-Tyr-D-Trp-Lys-Thr-Phe-Thr-NH₂;

H₂- β -Nal-D-Cpa-Pal-D-Trp-Lys-Thr-Phe-Thr-NH₂;

(H) (CH₃CO)- β -Nal-D-Cpa-Pal-D-Trp-Lys-Thr-Phe-Thr-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)- β -Nal-D-Cpa-Pal-D-Trp-Lys-Thr-Phe-Thr-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)- β -Nal-D-Cpa-Pal-D-Trp-Lys-Thr-Phe-Thr-NH₂;

H₂- β -Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe- β -Nal-NH₂;

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(H) (CH₃CO)-β-Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-β-Nal-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperazinylacetyl)-β-Nal-D-Cpa -
Tyr-D-Trp-Lys-Val-Phe-β-Nal-NH₂;

(H) (4-(2-hydroxyethyl)-1-piperizineethanesulfonyl)-β-Nal-D-
Cpa-Tyr-D-Trp-Lys-Val-Phe-β-Nal-NH₂;

H₂-β-Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-β-Nal-NH₂; or

H₂-β-Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂; or

a pharmaceutically acceptable salt thereof.

28 (original): A compound of claim 23, wherein A¹ is a D-amino acid and A² is a D-aromatic amino acid.

29 (previously presented): A compound of claim 28, wherein each of A¹ and A², is, independently, D-β-Nal, D-o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, D-p-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, D-m-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, D-F₅-Phe, D-Trp, D-Dip, D-2-Pal, D-Tyr(Bzl), D-His, D-Igl, D-Tyr(I), D-Bta, D-Bip, D-Npa, or D-Pal; each of A³ and A⁷, independently, is β-Nal, o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, p-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, m-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, F₅-Phe, Trp, Dip, 2-Pal, His, Igl, Tyr(I), Bta, Bip, Npa, Tyr(Bzl), or Pal; A⁶ is Thr, Ser, Tle, Thr(Bzl), Abu, Ala, Ile, Leu, Gly, Nle, β-Ala, Gaba, or Val; and A⁸ is the D- or L-isomer of Thr, Dip, F₅-Phe, p-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, o-X-Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, m-X-

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Phe wherein X is H, OH, CH₃, halo, OCH₃, NH₂, CN, or NO₂, Igl, Tyr(Bzl), or β-Nal.

30 (previously presented): A compound of claim 29, wherein A¹ is D-β-Nal or D-Phe; A² is D-Cpa or D-Phe; A³ is Phe or Tyr; A⁶ is Thr or Val; A⁷ is Phe; A⁸ is Thr; R₁ is H, CH₃CO, 4-(2-hydroxyethyl)-1-piperazinylacetyl, or 4-(2-hydroxyethyl)-1-piperizineethanesulfonyl; R₂ is H; and R₃ is NH₂.

31 (previously presented): A compound of claim 29 of the formula:

H₂-D-β-Nal-D-Cpa-Phe-D-Trp-Lys-Val-Phe-Thr-NH₂;

H₂-D-β-Nal-D-Phe-Tyr-D-Trp-Lys-Thr-Phe-Thr-NH₂;

H₂-D-Phe-D-Phe-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

H₂-D-β-Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-Thr-NH₂;

H₂-D-β-Nal-D-Cpa-Tyr-D-Trp-Lys-Val-Phe-β-Nal-NH₂; or

a pharmaceutically acceptable salt thereof.

32 (previously presented): A method of promoting the release of growth hormone in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 18 or a pharmaceutically acceptable salt thereof.

33 (previously presented): A method of promoting the release of insulin in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 18 or a pharmaceutically acceptable salt thereof.

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34 (previously presented): A method of enhancing wound healing in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 18 or a pharmaceutically acceptable salt thereof.

35 (previously presented): A method of promoting angiogenesis in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 18 or a pharmaceutically acceptable salt thereof.

36 (previously presented): A method of imaging cells having somatostatin receptors which comprises administering to a subject an effective amount of a compound or a pharmaceutically acceptable salt thereof according to claim 18 having Tyr(I).

37 (previously presented): A method of eliciting an antagonist effect from a somatostatin receptor in a subject, which comprises administering to said subject an effective amount of a compound according to claim 18 or a pharmaceutically acceptable salt thereof.

38 (previously presented): A method of promoting the release of growth hormone in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 23 or a pharmaceutically acceptable salt thereof.

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39 (previously presented): A method of promoting the release of insulin in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 23 or a pharmaceutically acceptable salt thereof.

40 (previously presented): A method of enhancing wound healing in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 23 or a pharmaceutically acceptable salt thereof.

41 (previously presented): A method of promoting angiogenesis in a subject in need thereof, which comprises administering to said subject an effective amount of a compound according to claim 23 or a pharmaceutically acceptable salt thereof.

42 (previously presented): A method of imaging cells having somatostatin receptors which comprises administering to a subject an effective amount of a compound or a pharmaceutically acceptable salt thereof according to claim 23 having Tyr(I).

43 (previously presented): A method of eliciting an antagonist effect from a somatostatin receptor in a subject, which comprises administering to said subject an effective amount of a compound according to claim 23 or a pharmaceutically acceptable salt thereof.

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44 (previously presented): A compound of claim 18,
wherein A⁸ is a D- or L-isomer of Thr or β -Nal; and R₃, together
with A⁸, form (2R,3R-(2-hydroxymethyl)-3-hydroxy)propylamide or
2R-(2-naphthyl)ethylamide; or a pharmaceutically acceptable salt
thereof.